

Name(s) of Risk Team Members: R. Savage , J. Scott, R. Zaharatos, P. Sparrow			Point Value → Parameter ↓		1		2		3		4		5				
Area/Facility Description Title: Collider-Accelerator Department  Area/Facility # (if applicable): Facility-Wide FRA 5-06			Occupancy or Use (A)		≤once/year		≤once/month		≤once/week		≤once/shift		>once/shift				
Area/Facility Description: Facility-Wide Housekeeping			Severity (B)		First Aid Only		Medical Treatment		Lost Time		Partial Disability		Death or Permanent Disability				
			Likelihood (C)		Extremely Unlikely		Unlikely		Possible		Probable		Multiple				
Approved by: <i>E. Lessard</i> Date: 4-28-06      Rev.#: 0										Comments:							
				Before Additional Controls								After Additional Controls					
Physical Item or Activity		Hazard(s)	Control(s)	Occupancy A	Severity B	Likelihood C	Risk* AxBxC	Control(s) Added to Reduce Risk				Occupancy A	Severity B	Likelihood C	Risk* AxBxC	% Risk Reduction	
Walking – working surfaces		Falls on same level	Tier 1; work planning; skill of craft; P.E. scheduled maintenance; internal and external audits; posting; labeling; training; barriers; communication; internal processes; lessons learned. C-A staff identified outside walking/working surfaces that are in need of repair. PE instituted a program to correct deficiencies. Snow shovels and salt were distributed to staff for emergency use on walkways in winter storms. A safety checklist: Walking and Working Surfaces was distributed to staff. C-A O.P.M. 2.28.d was updated to indicate that work performed with risk factors of slipping and falling shall be classified at a minimum as a moderate hazard job and will require additional review and an Enhanced Work Permit, C-AD housekeeping policy and OPM, Senior management on tier 1 inspections, building manager program	5	3	3	45										
Storage		Being struck by an object, such as a tool falling on a worker from above	Tier 1; inventory control; work planning; postings; labels; barriers; internal and external audits; training; communication; internal procedures; lessons learned, no storage on top of lockers or around electrical panels or disconnects, C-AD housekeeping policy, Building manager program	4	4	2	32										
Egress		Impaired egress	Tier 1; work planning; skill of craft; P.E. scheduled maintenance; internal and external audits; posting; labeling; training; barriers; communication; internal processes; lessons learned; life safety codes; emergency preparedness, Housekeeping policy, building manager program	4	4	2	32										
Air		Poor indoor air quality	Tier 1; work planning; skill of craft; P.E. scheduled maintenance; internal and external audits; posting; labeling; training; barriers; HVAC maintenance, ventilation, IH monitoring as required, housekeeping policy, building manager program	4	3	3	36										
Lighting		Falls, Bumps, Trips	Tier1, work planning, Housekeeping policy, building manger program, PE maintenance, Portable lighting as required, communications	4	3	2	24										

Ergonomics	Carpal tunnel, sprains, strains	Tier1, ergonomic reviews, training, housekeeping policy, building manager program, IH reviews and help.	4	3	3	36					
Further Description of Controls Added to Reduce Risk:											
*Risk:	0 to 20	21 to 40	41-60		61 to 80		81 or greater				
	Negligible	Acceptable	Moderate		Substantial		Intolerable				